



#17D 7/16/98
T. Gray

PATENT
ROSE 3.0-036 CIP IV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :
Hiatt, et al. :
Serial No. 08/486,536 : Group Art Unit: 1623
Filed: June 7, 1995 : Examiner: J. Wilson
For: 3' PROTECTED NUCLEOTIDES FOR : Date: June 30, 1998
ENZYME CATALYZED TEMPLATE- :
INDEPENDENT CREATION OF :
OF PHOSPHODIESTER BONDS :
X

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT

Sir:

In response to the Official Action dated June 8, 1998,
the following amendments and remarks are respectfully submitted.

IN THE CLAIMS:

Sub E4
4. (Amended). A nucleoside of 5'-phosphate of [claims 1-3] claim 1, 2 or 3 wherein said nucleoside contains a base selected from the group consisting of adenine (A), guanine (G), thymine (T), cytosine (C) and uracil (U).

Sub E5
5. (Amended). A nucleoside 5'-phosphate of [claims 1-4] claim 1, 2 or 3 wherein said nucleoside 5'-phosphate is a nucleoside 5'-triphosphate.

6. (Amended). A nucleoside 5'-phosphate of [claims 1-5] claim 1, 2 or 3 wherein said removable blocking moiety is enzymatically removable.

7. (Amended). A nucleoside 5'-phosphate of [claim 6] claim 1, 2 or 3 wherein said removable blocking moiety is removed in under 10 minutes.

RECORDED

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on June 30, 1998.

Arnold H. Krumholz

(Signature)

Arnold H. Krumholz

Typed or Printed Name of Person Signing Certificate

JUL 10 1998